

INDIANA SECONDARY CAREER AND TECHNICAL EDUCATION PROGRAMS FUNDING CROSSWALK 2009-2010						
2004-2014 Data						
CIP	Federal Program Title	DOE	Official State Approved DOE Course Titles	Demand:	Wage:	09-10 \$ x
Code	<i>Last Updated 2/16/09</i>	Course Code		High	High	Cr. Hrs.
				Moderate	Moderate	on Count
				Low	Low	Day
CIP	Agriculture, Food & Natural Resources	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
01.0101	Agricultural Business and Management, General	5056	Fund of Ag Science & Bus	Moderate	High	\$375
01.0102	Agribusiness/Agricultural Business Operations	5002	Agribusiness Management	Moderate	High	\$375
01.0104	Farm/Farm and Ranch Management	5022	Farm Management	High	High	\$450
01.0201	Agricultural Mechanization, General	5088	Agricultural Mechanization	Moderate	High	\$375
01.0401	Agricultural and Food Products Processing	5102	Food Science	High	High	\$450
01.0603	Ornamental Horticulture	5132	Horticultural Science	High	High	\$450
01.0605	Landscaping and Groundskeeping	5136	Landscape Management	High	High	\$450
01.0901	Animal Sciences, General	5008	Animal Sciences	High	High	\$450
01.1001	Food Science	5072	Advanced Life Science: Foods (L)	High	High	\$450
01.1102	Agronomy and Crop Science	5170	Plant & Soil Science	High	High	\$450
03.0299	Natural Resources Management & Policy, Other	5180	Natural Resource Mgmt.	Low	High	\$300
26.0301	Botany/Plant Biology	5074	Advanced Life Science: Plants and Soils (L)	Moderate	High	\$375
26.0701	Zoology/Animal Biology	5070	Advanced Life Science: Animals (L)	Moderate	High	\$375
CIP	Architecture & Construction	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
15.1301	Drafting and Design Technology/Technician, General	5640	Drafting and Computer Aided Design (CAD)	Moderate	High	\$375
15.1303	Architectural Drafting & Architectural CAD/CADD	5640	Drafting and Computer Aided Design (Architectural Drafting)	Moderate	High	\$375
46.0101	Mason/Masonry	5580	Building Trades Technology	High	High	\$450
46.0201	Carpentry/Carpenter	5580	Building Trades Technology	High	High	\$450
46.0302	Electrician	5580; 5688; 5692; 5690	Building Trades Technology; Home Technology Integration; Mobile Electronics; Integrated Electronics	High	High	\$450
46.0401	Building/Property Maintenance & Management	5592	Building and Facilities Management	High	High	\$450
46.0503	Plumbing Technology/Plumber	5580	Building Trades Technology	High	High	\$450
47.0101	Electrical/Electronics Equipment Installation and Repair, General	5684	Electronics Technology	Moderate	High	\$375
47.0106	Appliance Installation and Repair Technology/Technician	5504	Appliance Technology	Moderate	High	\$375
47.0201	Heating, AC, Vent. & Refrig. Maintenance Technology/Technician	5496	Heating, Ventilation, Air Conditioning & Refrigeration	High	High	\$450
49.0202	Construction/Heavy Equipment/Earthmoving Equipment Operation	5580	Building Trades Technology	High	High	\$450
CIP	Arts, AV Technology & Communications	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
09.0701	Radio and Television	5986	Radio/TV Broadcasting/Telecommunications	High	High	\$450
09.0702	Digital Communication and Media/ Multimedia	5986	Radio/TV Broadcasting/Telecommunications	Moderate	High	\$375
10.0304	Animation, Interactive Technology, Video Graphics and Special Effects	5530	3D Computer Animation and Visualization	Moderate	High	\$375
10.0305	Graphic & Printing Equipment Operator, General	5572	Graphic Imaging Technology	High	High	\$450
50.0402	Commercial and Advertising Art	5550	Commercial Art and Graphic Design	High	High	\$450
50.0406	Commercial Photography	5570	Commercial Photography	High	High	\$450
50.0407	Fashion/Apparel Design	5420	Fashion and Textile Careers Occ I & II	Moderate	High	\$375
50.0408	Interior Design	5460	Housing & Interior Design Careers I & II	High	High	\$450
52.0501	Business/Corporate Communication	5240	Business Technology Lab II	High	High	\$450
50.0502	Technical Theatre/Theatre Design	NA	NA	Moderate	High	\$375
CIP	Business, Management & Administration	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
22.0301	Legal Administrative Assistant/Secretary	5240	Business Technology Lab II	High	High	\$450
22.0302	Legal Assistant/Paralegal	5240	Business Technology Lab II	High	High	\$450
51.0710	Medical Office Assistant/Specialist	5240	Business Technology Lab II	High	Moderate	\$375

CIP Code	Federal Program Title	DOE Course Code	Official State Approved DOE Course Titles	Demand: High Moderate Low	Wage: High Moderate Low	09-10 \$ x Cr. Hrs. on Count Day
	<i>Last Updated 2/16/09</i>					
52.0204	Office Management & Supervision	5240	Business Technology Lab II	High	High	\$450
52.0207	Customer Service Management	5240 5230, 59	Bus Tech Lab II; IT: Information Support/Services; Marketing FE	High	High	\$450
52.0401	Administrative Assistant and Secretarial Science, General	5244	Business Technology Lab I	High	High	\$450
52.0402	Executive Assistant/Executive Secretary	5240	Business Technology Lab II	High	High	\$450
52.0407	Business/Office Automation/Technology/Data Entry	5244	Business Technology Lab I	High	Moderate	\$375
52.0406	Receptionist	5244	Business Technology Lab I	High	High	\$450
52.0408	General Office Occupations & Clerical Services	5244	Business Technology Lab I	High	High	\$450
52.0701	Entrepreneurship/Entrepreneurial Studies	5966	Entrepreneurship Academy	High	High	\$450
52.0703	Small Business Administration/Management	5268	Business, Management, and Finance	High	High	\$450
52.9999	Business, Management, Marketing and Related Support Services, Other	5254/5256	Career Planning & Success Skills (2); Professional Career Internship	High	High	\$450
CIP	Education & Training	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
13.1206	Teacher Education, Multiple Levels	5408	Education Professions I & II	High	High	\$450
13.1210	Early Childhood Education and Teaching	5412	Early Childhood Education I & II	High	High	\$450
CIP	Finance	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
52.0302	Accounting Technology/Technician and Bookkeeping	5240	Business Technology Lab II	High	High	\$450
52.0304	Accounting and Finance	5268, 5258	Business, Management and Finance; Finance Academy	High	High	\$450
52.0305	Accounting and Business/Management	5268	Business, Management and Finance	High	High	\$450
52.0399	Accounting and Related Services, Other	5244	Business Technology Lab I	High	High	\$450
52.0803	Banking and Financial Support Services	5244; 5990	Business Technology Lab I; Marketing Field Experience	High	High	\$450
52.0804	Financial Planning and Services	5258	Finance Academy	High	High	\$450
52.0807	Investments and Securities	5258	Finance Academy	High	High	\$450
52.1701	Insurance	5258	Finance Academy	High	High	\$450
52.1908	Business and Personal/Financial Services Marketing Operations	5268, 5258	Business, Management and Finance; Finance Academy	High	High	\$450
CIP	Government & Public Administration	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
19.0604	Facilities Planning and Management	5472	Residential and Commercial Facilities Management Careers I & II	Moderate	High	\$375
44.0000	Human Services, General	5462	Human and Family Services Careers I & II	High	High	\$450
44.0401	Public Administration	5462	Human and Family Services Careers I & II	High	High	\$450
44.0702	Youth Services/Administration	5462	Human and Family Services Careers I & II	High	High	\$450
CIP	Health Science	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
19.0702	Adult Development and Aging	5462	Adult and Elder Care Careers I & II	Low	High	\$300
26.0101	Biology/Biological Sciences, General	5216	Human Body Systems	Moderate	High	\$375
26.0102	Biomedical Sciences, General	5294, 5296	Integrated Health Sciences I & II;	High	High	\$450
26.0403	Anatomy	5276	Anatomy & Physiology	High	High	\$450
30.1901	Nutrition Sciences	5456	Food and Nutrition Science Careers I & II	High	High	\$450
51.0100	Health Career Practicum	5207	Health Career Practicum	High	Moderate	\$375
51.0601	Dental Assisting/Assistant	5203, 5204, 5	Dental Assisting I, II, III, and IV	High	High	\$450
51.0801	Medical Clinical/Assistant	5213	Intro to Medical Assisting	High	Moderate	\$375
51.0802	Clinical/Medical Laboratory Assistant	5282, 5284, 5	Health Careers I, II, and III	High	High	\$450
51.0805	Pharmacy Technician/Assistant	5214	Intro to Pharmacy	High	High	\$450
51.0806	Physical Therapist/Assistant	5215	Intro to Physical Therapy	High	High	\$450
51.0904	Emergency Medical Technology/Technician (EMT Paramedic)	5210	Intro to Emergency Medical Services	High	High	\$450
51.0909	Surgical/Technology/Technologist	5211	Intro to Health Care Specialties	High	High	\$450
51.0999	Allied Health Diagnostic, Intervention, and Treatment Professions, Other	5211, 5212, 5	Intro Health Care Spec; Intro Health Care Tech; Intro Health Care Systems	High	High	\$450
51.1101	Pre-Dentistry Studies	5209	Intro to Dental Health Sciences	High	High	\$450
51.1102	Pre-Medicine Studies	5218	Principles of Biomedical Sciences	High	High	\$450

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51.1103	Pre-Pharmacy Studies	5214	Introduction to Pharmacy	High	High	\$450
51.1104	Pre-Veterinary Studies	5282, 5284, 5	Health Careers I, II, and III	High	High	\$450
51.1199	Health/Medical Preparatory Programs, Other	5274; 5219	Medical Terminology; Science Research	High	High	\$450
51.1504	Community Health Services/Liaison/Counseling	5208	Intro to Community Health Services	Moderate	High	\$375
51.1601	Nursing/Registered Nurse (RN, ASN, BSN, MSN)	5282, 5284, 5	Health Careers I, II, and III	High	High	\$450
51.1614	Nurse/Nursing Assistant/Aide and Patient Care Assistant	5282, 5284, 5	Health Careers I, II, and III; Introduction to Community Health Services	High	Moderate	\$375
51.2602	Home Health Aide/Home Attendant	5208	Introduction to Community Health Services	High	Moderate	\$375
51.3101	Dietetics/Dietitian	5456	Food and Nutrition Science Careers I & II	Moderate	High	\$375
51.3102	Clinical Nutrition/Nutritionist	5456	Food and Nutrition Science Careers I & II	Moderate	High	\$375
51.3199	Dietetics and Clinical Nutrition Services	5456	Food and Nutrition Science Careers I & II	Moderate	High	\$375
CIP	Hospitality and Tourism	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
52.0901	Hospitality Administration/Management	5268	Business, Management, and Finance	High	High	\$450
52.0904	Hotel/Motel Administration/Management	5982	Hospitality, Travel, & Tourism	High	High	\$450
52.0999	Hospitality Administration/Management, Other	5458	Hotel Academy I & II	High	High	\$450
52.1905	Tourism and Travel Services Marketing Operations	5982	Hospitality, Travel & Tourism	Moderate	High	\$375
CIP	Human Services	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
12.0401	Cosmetology/Cosmetologist, General	5802	Cosmetology	High	Moderate	\$375
12.0402	Barbering/Barber	5802	Cosmetology	Moderate	Moderate	\$300
12.0500	Cooking and Related Culinary Arts	5440	Culinary Arts Careers I, II, & III	High	Moderate	\$375
12.0501	Baker and Pastry Arts/Baker/Pastry Chef	5440	Culinary Arts Careers I, II, & III	High	Moderate	\$375
12.0503	Culinary Arts/Chef Training	5438	Culinary Arts Foundations	High	Moderate	\$375
12.0504	Restaurant, Culinary, and Catering Management/Manager	5440	Culinary Arts Careers I, II, & III	High	High	\$450
12.0599	Culinary Arts & Related Services, Other	5440	Culinary Arts Careers I, II, & III	High	Moderate	\$375
19.0403	Consumer Services and Advocacy	5430	Consumer Service Careers I & II	Low	High	\$300
19.0505	Foodservice Systems Administration/Management	5440	Culinary Arts Careers I, II, & III	High	High	\$450
19.0699	Housing and Human Environments Other	5460	Housing & Interior Design Careers I & II	Low	High	\$300
19.0707	Family and Community Services	5462	Human and Family Services Careers I & II	Low	High	\$300
19.0708	Child Care and Support Services Management	5412	Early Childhood Education I & II	High	High	\$450
CIP	Information Technology	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
10.0303	Desktop Publishing and Digital Imaging Design	5240	Business Technology Lab II	Moderate	High	\$375
11.0103	Information Technology	5230	Information Technology: Information Support and Services	High	High	\$450
11.0201	Computer Programming/Programmer, General	5236	Information Technology: Programming and Software Development	High	High	\$450
11.0301	Data Processing and Data Processing Technology/Technician	5240	Business Technology Lab II	High	High	\$450
11.0601	Data Entry/Microcomputer Applications, General	5244	Business Technology Lab I	High	Moderate	\$375
11.0602	Word Processing	5244	Business Technology Lab I	Moderate	Moderate	\$300
11.0801	Web Page, Digital/Multimedia and Information Resources Design	5232	Information Technology: Interactive Media	High	High	\$450
11.0802	Data Modeling/Warehousing and Database Administration	5230	Information Technology: Information Support and Services	Moderate	High	\$375
11.0803	Computer Graphics	5232	Information Technology: Interactive Media	High	High	\$450
11.0901	Computer Systems Networking and Telecommunications	5234	Information Technology: Network Systems	High	High	\$450
11.1002	System, Networking, and LAN/WAN Management/Manager	5532	Computer Network Technology	High	High	\$450
11.1004	Web/Multimedia Management and Webmaster	5240	Business Technology Lab II	High	High	\$450
47.0104	Computer Installation and Repair Technology/Technician	5536	Computer Repair & Maintenance Tech	High	High	\$450
52.0411	Customer Service Support/Call Center/Teleservice Operation	5230	Information Technology: Information Support and Services	High	High	\$450
52.1201	Management Information Systems, General	5244	Business Technology Lab I	High	High	\$450
52.1299	Management Information Systems And Services, Other	5240	Business Technology Lab II	Moderate	High	\$375

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	<i>Last Updated 2/16/09</i>					
CIP	Law, Public Safety, Corrections & Security	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
43.0107	Criminal Justice/Police Science	5822	Law Enforcement	High	High	\$450
43.0203	Fire Science/Firefighting	5820	Fire Science	High	High	\$450
CIP	Manufacturing	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
19.0902	Apparel and Textile Manufacture	5420	Fashion and Textile Careers Occ I & II	Moderate	High	\$375
47.0303	Industrial Mechanics and Maintenance Technology/Technician	5686	Industrial Repair & Maintenance	High	High	\$450
48.0501	Machine Tool Technology/Machinist	5782	Precision Machine Technology	High	High	\$450
48.0508	Welding Technology/Welder	5776	Welding Technology	High	High	\$450
48.0702	Furniture Design and Manufacturing	5888	Cabinet and Furniture Manufacturing	Moderate	Moderate	\$300
48.0703	Cabinetmaking and Millwork/Millwright	5888	Cabinet and Furniture Manufacturing	High	Moderate	\$375
CIP	Marketing, Sales & Promotion	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
09.0903	Advertising	5990	Marketing Field Experience	High	High	\$450
52.0905	Restaurant/Food Services Management	5990	Marketing Field Experience	High	High	\$450
52.1401	Marketing/Marketing Management, General	5988	Marketing Management Seminar	High	High	\$450
52.1499	Marketing, Other	5918	Marketing Advanced	High	High	\$450
52.1801	Sales, Distribution, and Marketing Operation, General	5914	Marketing Foundations	High	High	\$450
52.1803	Retailing and Retail Operations	5990	Marketing Field Experience	High	Moderate	\$375
52.1804	Selling Skills and Sales Operations	5990	Marketing Field Experience	High	High	\$450
52.1899	General Merchandising, Sales, and Related Marketing Operations, Other	5990	Marketing Field Experience	High	High	\$450
52.1902	Fashion Merchandising	5962	Fashion Merchandising	High	High	\$450
52.1904	Apparel & Accessories Marketing Operations	5990	Marketing Field Experience	High	High	\$450
52.1910	Hospitality and Recreation Marketing Operations	5984	Sports, Recreation, and Entertainment Marketing	Moderate	High	\$375
CIP	Science, Technology, Engineering & Mathematics	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
14.0201	Aerospace, Aeronautical and Astronautical Engineering	5518	Aerospace Engineering Technology	High	High	\$450
11.0701	Computer Science	5236	IT: Programming and Software Development	High	High	\$450
14.0401	Architectural Engineering	5650	Civil-Architectural Engineering	High	High	\$450
14.0501	Biomedical/Medical Engineering	5648; 5217	Biotechnical Engineering; Medical Intervention	High	High	\$450
14.1901	Mechanical Engineering	5534; 5608	Computer Integrated Manufacturing; Advanced Manufacturing	High	High	\$450
14.9999	Engineering	5644	Engineering, Intro to Engineering Design, Principles of Engineering, Eng	High	High	\$450
15.0303	Electrical, Electronic and Communications Engineering Technology/Technician	5538	Digital Electronics Technology	Moderate	High	\$375
15.0607	Plastics Engineering Technology/Technician	5810	Plastics Technology	High	High	\$450
CIP	Transportation, Distribution & Logistics	Course Code	Official State Approved DOE Course Titles	Demand	Wage	\$ Amt.
49.0101	Aeronautics/Aviation/Aerospace Science Technology, General	5528	Aviation Support Operations	High	High	\$450
49.0102	Airline/Commercial/Professional Pilot and Flight Crew	5524	Aircraft Operations	Moderate	High	\$375
49.0205	Truck and Bus Driver/Commercial Vehicle Operation	5622	Tractor/Trailer Operation	High	High	\$450
47.0603	Autobody/Collision and Repair Technology/Technician	5514	Automotive Collision Repair Technology	High	High	\$450
47.0604	Automobile/Automotive Mechanics Technology/Technician	5510	Automotive Services Technology	High	High	\$450
47.0605	Diesel Mechanics Technology/Technician	5620	Diesel Service Technology	High	High	\$450
47.0606	Small Engine Mechanics and Repair Technology/Technician	5842	Recreational & Portable Power Equipment	Moderate	High	\$375
47.0607	Airframe Mechanics and Aircraft Maintenance Technology/Technician	5520	Aviation Maintenance Technology	Moderate	High	\$375
47.0611	Motorcycle Maintenance and Repair Technology/Technician	5842	Recreational & Portable Power Equipment	Low	High	\$300
47.0616	Marine Maintenance/Fitter and Ship Repair Technology/Technician	5842	Marine Maintenance	Moderate	High	\$375
52.0203	Logistics and Materials Management	NA	Requires a nonstandard course waiver	High	High	\$450

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Code	<i>Last Updated 2/16/09</i>	Course Code		High	High	Cr. Hrs.
				Moderate	Moderate	on Count
				Low	Low	Day
	Other Career and Technical Education Programs					
CIP	Family and Consumer Sciences (FACS)	Course Code	Official State Approved DOE Course Titles			\$ Amt.
19.0000	Work and Family Studies.	5394	Orientation to Life and Careers			\$250
19.0299	Family and Consumer Sciences/Human Sciences Business Services, Other	5336	Family and Consumer Sciences Issues and Applications			\$250
19.0401	Family Resource Management Studies, General.	5330	Adult Roles and Responsibilities			\$250
19.0402	Consumer Economics.	5334	Consumer Economics			\$250
19.0499	Family/Consumer Resource Management	5484	Personal Resource Management and Family Finance			\$250
19.0501	Foods, Nutrition, and Wellness Studies, General.	5342	Nutrition and Wellness			\$250
19.0504	Human Nutrition.	5340	Advanced Nutrition and Foods			\$250
19.0599	Foods, Nutrition, and Related Services, Other.	5344	Chemistry of Food			\$250
19.0601	Housing and Human Environments, General.	5350	Housing and Interior Design Foundations			\$250
19.0701	Human Development and Family Studies, General.	5360	Advanced Child Development			\$250
19.0704	Family Systems	5364	Interpersonal Relationships/Family Relationships			\$250
19.0706	Child Development.	5362	Child Development and Parenting			\$250
19.0799	Human Development, Family Studies, and Related Services, Other.	5366	Human Development and Family Wellness			\$250
19.0901	Apparel and Textiles, General.	5380	Fashion and Textiles Foundations			\$250
CIP	Business	Course Code	Official State Approved DOE Course Titles			\$ Amt.
52.0299	Business Administration, Management, and Operations, Other	5254	Career Planning and Success Skills (one credit only)			\$250
Demand Definition:						
<i>More than moderate implies a demand level of 801 and higher</i>						
<i>Moderate demand implies a demand level of 201 to 800</i>						
<i>Less than moderate demand implies a demand level of 200 or less</i>						
Wage Definition:						
<i>More than moderate wage is \$13.01 and higher average wage</i>						
<i>Moderate wage implies that average wage is between \$8.01 and \$13.00</i>						
<i>Less than moderate wage is \$8.00 and below</i>						